July 22, 1952 W. P. BERIOU ET AL 2,604,373

CONVERTIBLE TABLE AND BAR

Filed Feb. 18, 1949 2 SHEETS—SHEET 1

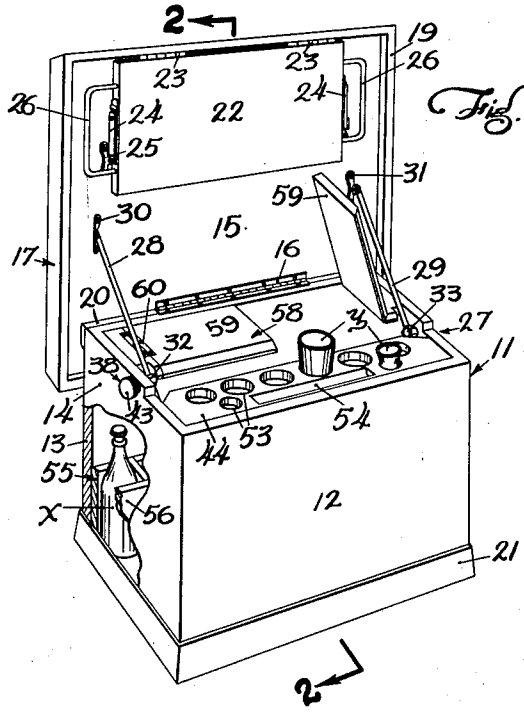


Fig. 1

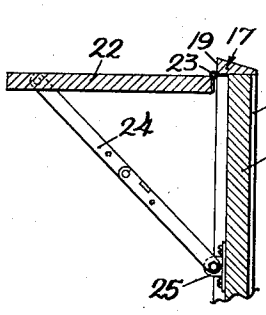


Fig. 4

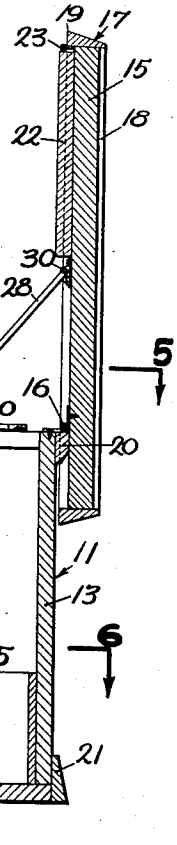


Fig. 2

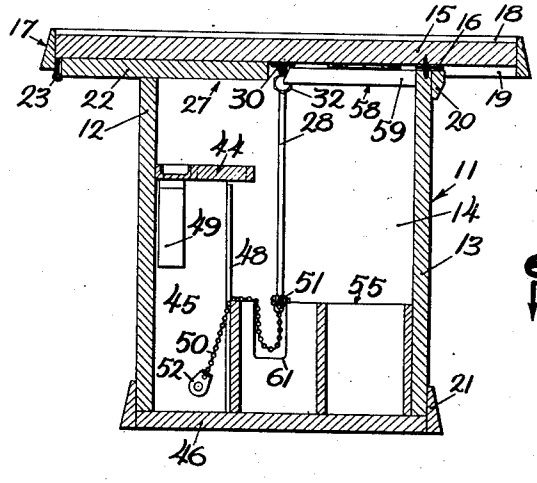


Fig. 3

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Fig. 5

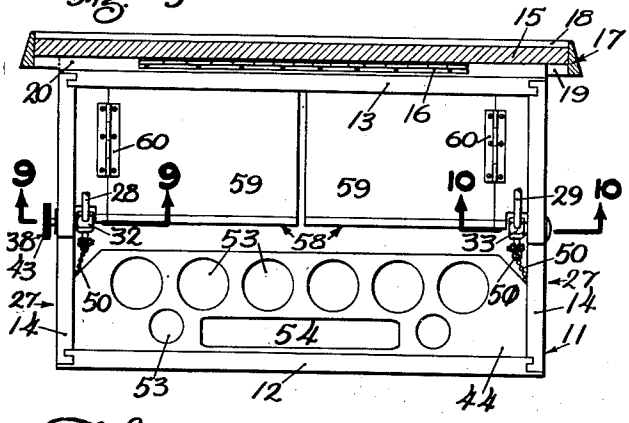


Fig. 6

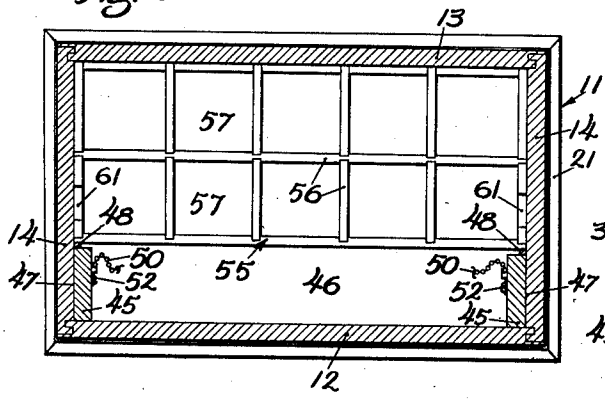


Fig. 8

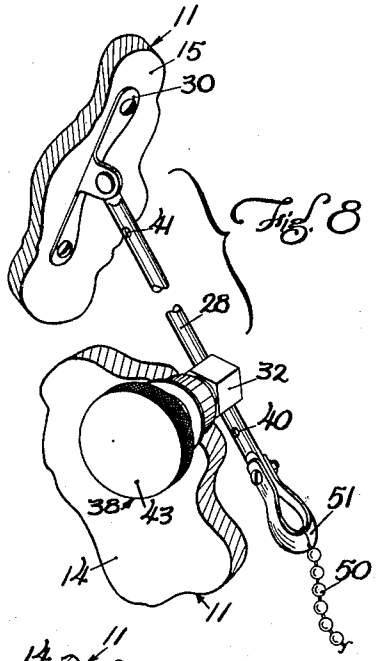


Fig. 9

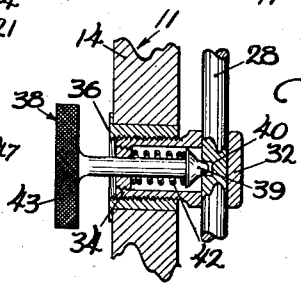


Fig. 7

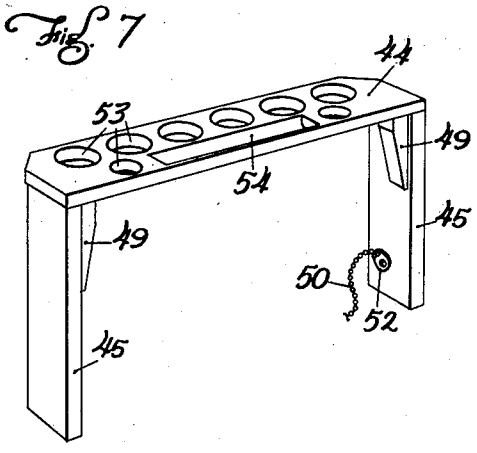
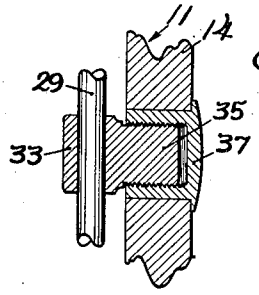


Fig. 10



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CONVERTIBLE TABLE AND BAR

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Application February 18, 1949, Serial No. 77,258

1 Claim. (Cl. 312—300)

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Our invention relates to improvements in furniture and, more particularly, to a convertible table and bar.

The object of the invention is to provide a novel foldable piece of furniture which, when folded, affords a relatively low table having a large top member and a large closed storage compartment, and when set up, affords a bar of convenient height and ample shelving and a tray for bottles, glasses, shakers and the like, as well as storage space.

To the above end, generally stated, the invention consists of the novel construction and arrangement hereinafter described and defined in the claim.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings:

Fig. 1 is a perspective view of the convertible table and bar with the table top member in an open position, the tray raised, the bar top member folded, and one of the shelf sections open, some parts being broken away and sectioned;

Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1;

Fig. 3 is a view corresponding to Fig. 2 with the exception that the table top member is closed and the tray lowered;

Fig. 4 is a fragmentary detail view showing the table top member open and the bar top member in an operative position;

Figs. 5 and 6 are views partly in plan and partly in section taken on the lines 5—5 and 6—6, respectively, of Fig. 2;

Fig. 7 is a perspective view of the tray removed from the chest;

Fig. 8 is a fragmentary perspective detail view of the table top member of the chest and one of the table top member braces, on an enlarged scale; and

Figs. 9 and 10 are fragmentary detail views principally in section taken on the lines 9—9 and 10—10 of Fig. 5, respectively, on an enlarged scale.

The numeral 11 indicates a rectangular chest, the front member, the back member and the ends thereof being designated by the numerals 12, 13 and 14, respectively. A table top member 15 is provided for the chest 11 and attached by a long hinge 16 to the chest back member 13. This table top member 15 is much larger than the chest 11 and projects materially outwardly therefrom on all four sides. A molding 17 is secured to the marginal edges of the table top member 15, projects thereabove to afford a

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retaining flange 18 and projects therebelow to afford a capping flange 19. A fillet 20 in the form of a piece of molding is secured to said chest back member 13 at the top thereof. This fillet 20 closes the space between the chest back member 13 and the table top member 15 when said member 15 is open. The fillet 20 also affords a support for the hinge 16. A shoe 21 is secured to the chest members 12, 13 and 14 and extends completely around the chest 11.

A bar top member 22 in the form of a leaf is attached by a pair of hinges 23 to the table top member 15 on the under side thereof and close to the capping flange 19 on the front edge portion of said member. The bar top member 22 is held in a horizontal position, when the table top member 15 is open, by a pair of toggle braces 24 pivoted to the bar top member 22 at the ends thereof and to brackets 25 on the under side of the table top member 15. A U-shaped rack 26 for towels and the like, is secured to the bar top member 22, at each end thereof. The chest front member 12 and end members 14 at their front end portions are recessed at 27 to receive the bar top member 22 when the table top member 15 is closed.

The table top member 15 is held in an upright open position or locked closed by a pair of brace rods 28 and 29 pivoted to brackets 30 and 31 secured to the table top member 15 on the under side thereof. The brace rods 28 and 29 extend endwise through transverse bores in hexagonal heads 32 and 33, respectively, on screw studs 34 and 35, respectively. These screw studs 34 and 35 have threaded engagement with nut-acting members 36 and 37, respectively, that extend transversely through the chest side members 14 and are rigidly secured thereto.

A bolt 38 is provided for locking the brace rod 28 with the table top member 15 either in an upright position or a closed position. This bolt 38 extends axially into the screw stud 34, which is hollow, from the outside of the chest 11. The bolt 38 has on its inner end a conical point 39 that projects into a depression 40 in the brace rod 28 when the table top member 15 is raised and a depression 41 in the rod 28 when said member is closed. A coiled spring 42 encircling the bolt 38 is compressed between the outer end of the screw stud 34 and the base of the conical point 39 and yieldingly holds said bolt projected. On the outer end of the bolt 38 is a knurled fingerpiece 43 by which said bolt may be retracted to release the brace rod 28. During the raising and lowering of the table top member

15, the screw studs 34 and 35 turn in the nut-acting members 36 and 37 to permit endwise sliding movements of the brace rods 28 and 29.

A tray 44 extends the full width of the chest 11 at the front thereof and has a pair of wide legs 45 that rest on the bottom member 46 of the chest 11 and support said tray considerably below the top of said chest. These legs 45 are held in ways 47 formed between the chest front member and stops 48 secured to the chest end members 14. Brackets 49 are secured to the tray 44 and the legs 45 and hold said legs parallel.

When the table top member 15 is raised, it raises the tray 44 by means of chain connections 50 into a position in which its top surface is flush with the upper edge of the chest 11 at the recess 27. During the closing of the table top member 15, the tray 44 drops by the action of gravity. The chains 50 at one of their ends are attached to loops 51 on the lower ends of the brace rods 28 and 29 and to brackets 52 on the tray legs 45. In the tray 44 is a plurality of holes 53 for individually holding glasses *y*, two of which are shown in Fig. 1. Also formed in the tray 44 is a long recess 54 for holding spoons and other articles. The rear corners of the tray 44 are cut away to afford clearance for the brackets 30 when the table top member 15 is closed.

On the bottom member 46 between its back member 13 and the stops 48 is a frame 55 having longitudinal and transverse partitions 56 that divide said frame into a plurality of compartments 57 for individually holding bottles *x*, one of which is shown in Fig. 1.

At the back of the chest 11 is a shelf 58 comprising two longitudinally spaced sections 59 attached at their outer ends to the chest end members 14 by hinges 60 for raising or lowering movements. The top surface of the shelf 58, when its sections 59 are closed, is flush with the upper edges of the chest 11. The shelf sections 59 are spaced from the tray 44 so that an attendant may easily grasp one of said sections and raise the same when it is necessary to have access to the storage room below the shelf 58. Deep notches 61 are formed in the end members of the frame 55 to receive slack in the chains 50 when the table top member 15 is closed. Space under the tray 44 between its legs 45 affords ample room for storage.

From what has been said, it will be understood that the invention described is capable of modifications as to details of construction and arrangement within the scope of the invention herein disclosed and claimed.

What we claim is:

A table having a body in the form of a rectangular open top chest including front, back and end members, a table top for the body resting, when closed, on the upper edges of the back and side members and extending materially outwardly of all of said members, an endless capping flange on the edge of the table top and extending therebelow, said table top being hinged at its rear longitudinal edge relative to the body outwardly offset from the back member, said capping flange affording a stop engageable with the back member to limit the opening of the table top and positioning the same in a vertical position, means holding the table top in its open vertical position, a leaf hinged to the table top at its front longitudinal edge portion, folded upon the under side of the table top, when closed, and extending materially into the body, the upper longitudinal edge portion of the front member being recessed to receive the leaf, said leaf being movable into a horizontal position when the table top is in its vertical position, the outer surface of the leaf, when folded onto the table top, being substantially in the plane of the inner side of the adjacent section of the capping flange, whereby said flange acts as a ledge for the rear longitudinal edge portion of the leaf when in its horizontal position, and means for holding the leaf in its horizontal position.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
691,695	Aderer	Jan. 21, 1902
1,543,980	Blood	June 30, 1925
1,915,046	Bales	June 20, 1933
2,038,637	Brey	Apr. 28, 1936
2,109,847	Meyer	Mar. 1, 1938
2,411,221	McGuire	Nov. 17, 1946
2,472,722	Newstead	June 7, 1949

FOREIGN PATENTS

Number	Country	Date
9,170	Great Britain	1904
405,167	Great Britain	Feb. 1, 1934
531,414	Great Britain	Jan. 3, 1941